

CONTROLLING THE EXTINCTION RATIO
OF OPTICAL TRANSMITTERS

ABSTRACT OF THE DISCLOSURE

5 A system and method for stabilizing an extinction ratio for an optical transmitter that uses a laser diode that is modulated by a laser driver, the scheme having a modulating current and a bias current, wherein a portion of the bias current is fed forward into the modulating current to stabilize the extinction ratio and thereby improve a laser's performance over time and with increases in temperature.